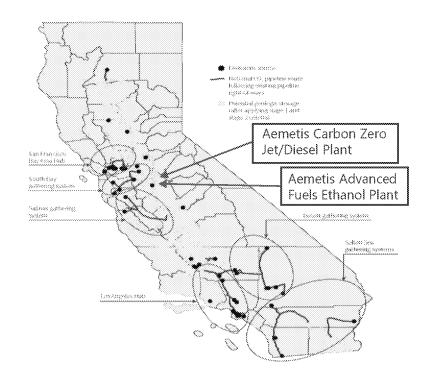


Aemetis Carbon Capture and Sequestration Projects in California

- Formerly an inland ocean now known as the Central Valley of California
 - Light green area shows shale geological storage containing saline water for CCS
 - Shale caprock layer at approximately 7,000 ft depth and basement layer below CO2 storage formation
- There are currently no operational CCS projects in the State of California
 - Few CCS projects in active development in California
- Aemetis strategy is to sequester combined 2 million metric tonnes of CO2 per year at two sites located at our biofuels plants
 - 400,000 MT per year from biogas and biofuels plant operations
 - 1.6 million MT per year of carbon sequestration using CO2 supplied by other fuel producers in California

Chapter 3: The CCS Opportunity in California

CCS PROJECT DEVELOPMENT OPPORTUNITIES



Map Mustrates periodist profest development opportunities that together abate 59 Mt. Cryyr. Pipeline contings are treational and follow erasting pipelitra tigin of weps, tital kecisticus, as a test translatada to be eraal kecastera ku géologic stange. Semen Esseny Potoses imbelier and Stanford Laurensity, 2020



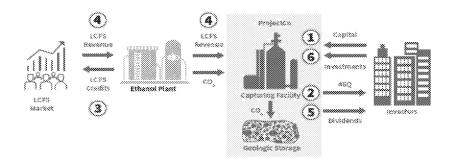
Seanford School Services



Standard Conservation Control Standard



Sustainability:



- (1) initial capital simade. available to the ProjectCo from Investors.
- (2) This includes the equity trivestors who are essentially buying the 45Q tax credits.
- Once operational, the capture facility receives CO, from the ethanol production facility and scores it within the permitted geologic storage location onsite and the ethanol factory. generates LCFS credits from its capiture efforts.
- (4) LOS Gedis can be said at market rates and receive LCFS revenues, a portion of wiscols contributed to the Projection
- (**5**) A portion of sentings resulting from the LCFS coudit sale may eventually be transferred to investors In the form of a dividend (cash distribution).
- (6) Since the equity investors are only obliged to contribute 50 percent of the cost of 45Q tax credits upfront there will be angoing investments through the lifety de of the capture operation.

70

Positive cash flow (for duration of LCFS, assumed 15 years) indicates ethanol with CCS is an investable project. Source: Energy Futures Initiative and Stanford University, 2020.







Stanford Center for Carbon Storage



Aemetis Carbon Capture & Sequestration Project Leaders



ATSI: Carbon Sequestration Project Manager, Engineering and EPC

- For more than 40 years, ATSI has provided world-class Front-End Engineering Design (FEED/FEL), project management, EPC and commissioning services
- Major projects completed at more than 60 oil refineries, including commissioning of \$10 billion oil refinery
- Completed 138 commercial projects in 21 different states



Baker Hughes: Underground Engineering and Well Drilling

- Leading natural gas and crude oil drilling company
- \$20 billion market value
- Operates in 120+ countries
- CCUS Technology Solutions include:
 - Pre-FEED and FEED consultation and project design
 - Capture and purification
 - Injection Well design and construction for storage
 - Micro-seismic expertise

